

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

DOCKET NO.: 3224R

RICHARD M. LANGE AND LEONARD E. ORZEC

FILED: HERewith

CUSTOMER NUMBER: 26645

TITLE: TRACTION FLUIDS BY COUPLING OF CYCLIC HYDROCARBON  
MONOMERS WITH OLEFINS

Wickliffe, Ohio

Dated: December 5, 2003

Hon. Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

Prior to a first office action on the above case, the Examiner's attention is directed to the following items which may be relevant to the examination. Since each of the documents is a US Patent Publication, it is believed that copies are not required; however, the Undersigned will gladly supply copies if they are desired. A completed form USPTO-1449 is also attached. The listing of any item herein is not intended as an admission that that item legally qualifies as "prior art."

US 3,440,894, Hamman et al., April 29, 1969	US 4,704,490, Tsubouchi et al., Nov. 3, 1987
US 3,554,911, Schiff et al., January 12, 1971	US 4,922,047, Chen et al., May 1, 1990
US 3,778,487, Driscoll et al., Dec. 11, 1973	US 4,975,215, Abe et al., December 4, 1990
US 3,925,217, Green et al., Dec. 9, 1975	US 5,126,065, Tsubouchi et al., June 30, 1992
US 3,975,278, Wygant, August 17, 1976	US 5,283,384, Abe et al., February 1, 1994
US 4,046,703, Duling et al., Sept. 6, 1977	US 5,344,582, Umemoto et al., Sept 6, 1994
US 4,302,618, Washecheck, Nov. 24, 1981	US 6,242,393, Ishida et al., June 5, 2001
US 4,604,492, Shimizu et al, Aug. 5, 1986	US 6,372,696, Tipton, April 16, 2002

US 2003/0216264 A1 Bartley et al., Nov. 20, 2003

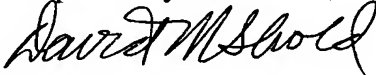
Any required fees or any deficiency or overpayment in fees should be charged or credited to deposit account 12-2275 (The Lubrizol Corporation).

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Respectfully submitted,

  
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I certify that this correspondence is being deposited with the United States Postal Service as ☐ first class ☒ express mail in an envelope addressed to Commissioner for Patents, POBox 1450, Alexandria VA 22313-1450[Exp Mail ☐]  
on December 8, 2003 By: Sheila E. Kelly

<b>FORM PTO-1449</b> (Rev. 6-89)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. <b>3224R</b>		SERIAL NO. Unknown	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use several sheets if necessary)				APPLICANT <b>Lange et al.</b>		FILING DATE Herewith	
				GROUP Unknown			

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	3,440,894	4/29/69	Hamman et al.				
	3,554,911	1/12/71	Schiff et al.				
	3,778,487	12/11/73	Driscoll et al.				
	3,925,217	12/9/75	Green et al.				
	3,975,278	8/17/76	Wygant				
	4,046,703	9/6/77	Duling et al.				
	4,302,618	11/24/81	Washecheck				
	4,604,492	8/5/86	Shimizu et al.				
	4,704,490	11/3/87	Tsubouchi et al.				
	4,922,047	5/1/90	Chen et al.				
	4,975,215	12/4/90	Abe et al.				
	5,126,065	6/30/92	Tsubouchi				
	5,283,384	2/1/94	Abe et al.				
	5,344,582	9/6/94	Umemoto et al.				
	6,242,393	6/5/01	Ishida et al.				
	6,372,696	4/16/02	Tipton				

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	US 2003/0216264 A1 Bartley et al., Nov. 20, 2003

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.